

FIG. 3A

(A, C, G, T)-HGE250-350; ~16Mb



PCR PRIMER



FIG. 3B

(A, T)-HGE250-350; ~4Mb



PCR PRIMER

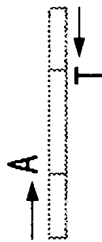
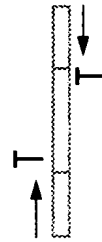


FIG. 3C

(T)-HGE250-350; ~1Mb



PCR PRIMER



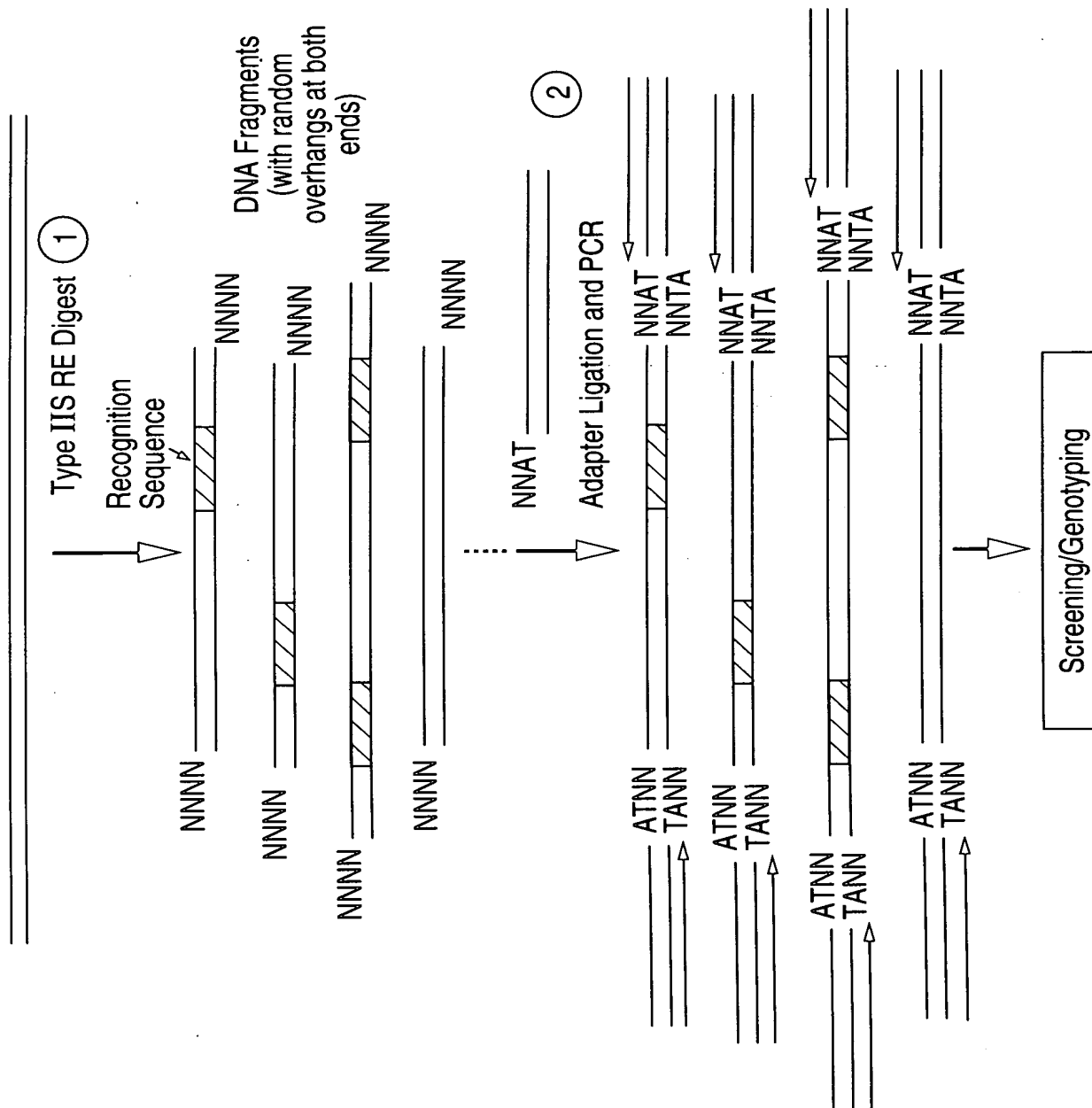


FIG. 4

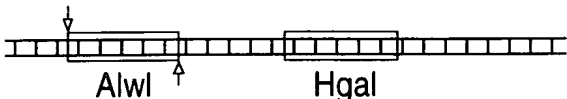
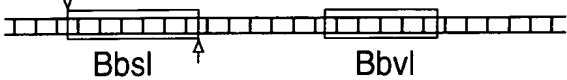
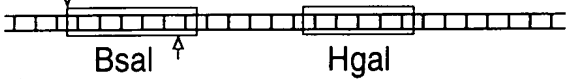
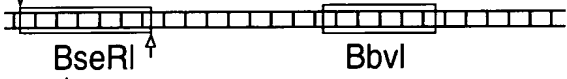
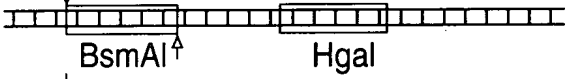
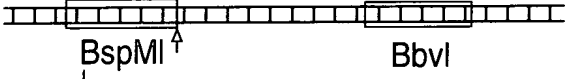
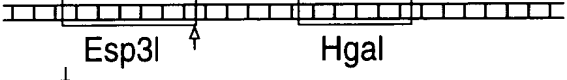
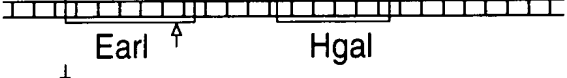

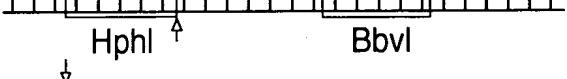
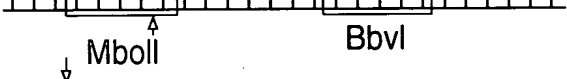
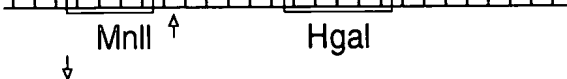
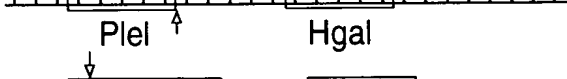
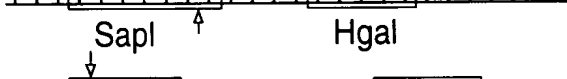

	Cleavage Frequency of First Enzyme	Sites in $\lambda$	Size of Captured Sequence (bp)
	1/512	58	5
	1/2048	24	6
	1/2048	2	5
	1/2048	19	8
	1/512	37	5
	1/2048	41	8
	1/2048	14	5
	1/2048	34	4
	1/512	102	10
	1/512	168	7
	1/512	130	7
	1/128	262	6
	1/512	61	5
	1/8192	10	4
	1/512	169	9

FIG. 5



09904039.022602  
209220.6E040660

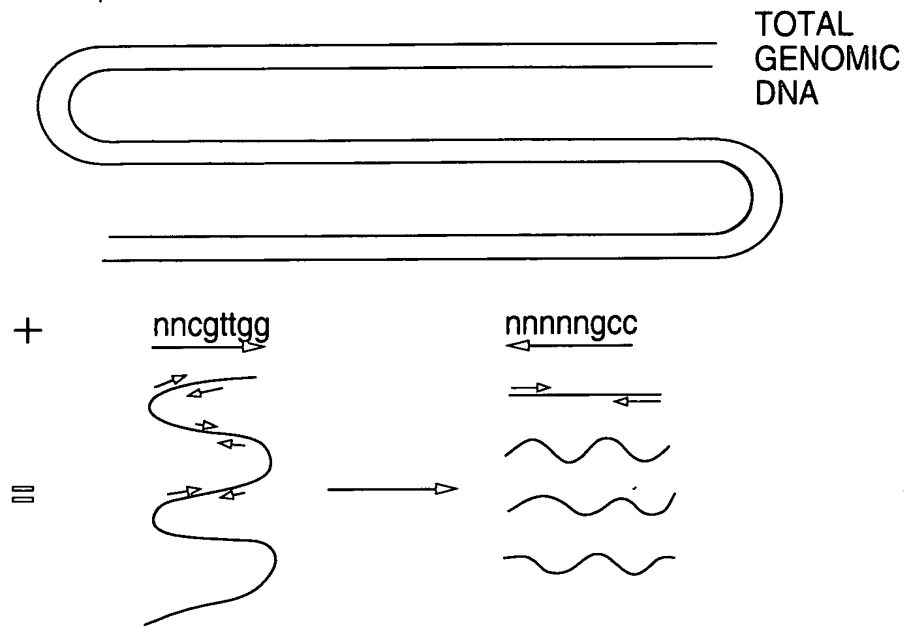


FIG. 7

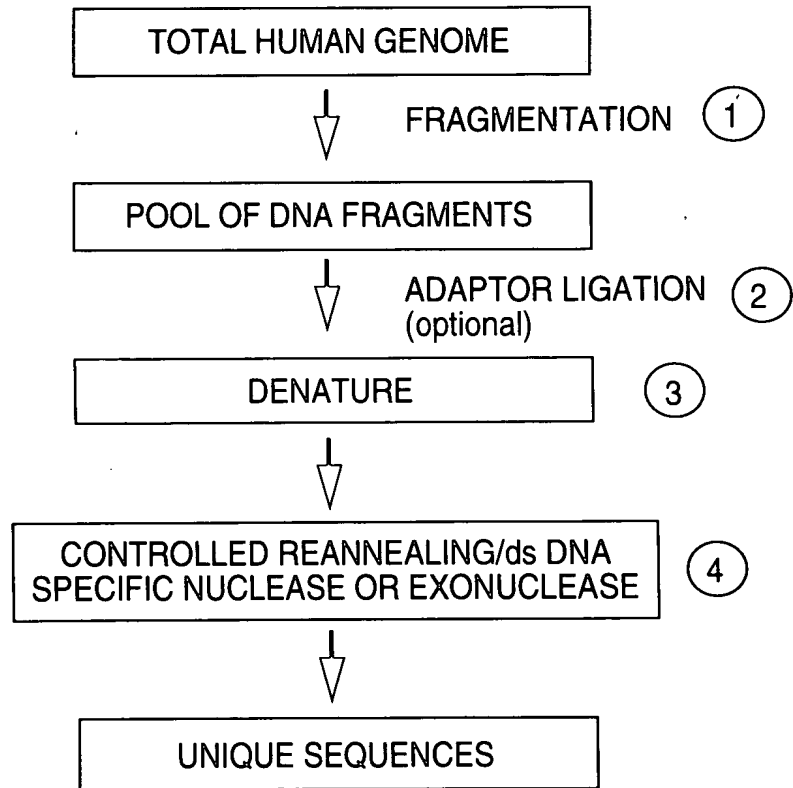


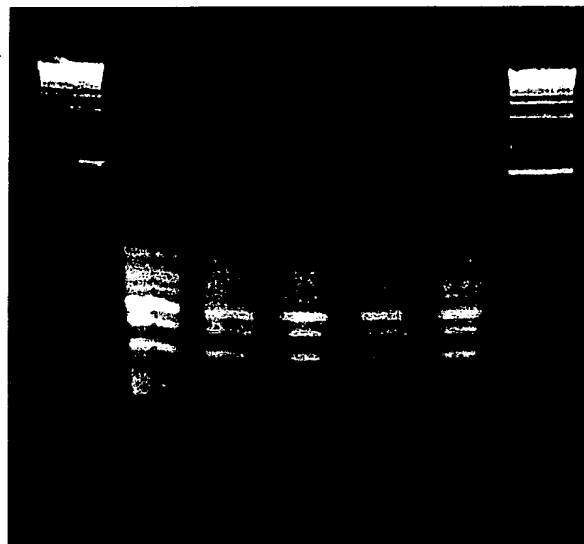
FIG. 10

Primer	Sequence	Annealing T	Polymerase	# Present	%
Total Genome				434	6.1
sdp5	nncgttgg	30	ThermoSequenase	393	5.6
sdp3	agagctgc	30	TaqGold	264	3.7
DOP	ccgacitcgagnnnnnnatgtgg	30	TaqGold	247	3.5
sdp8	nnnnnnnngccgttgg	45	TaqGold	218*	3.1*
sdp8-10	nnnnnatgccgttgg	45	TaqGold	206	2.9
sdp8	nnnnnnnngccgttgg	55	TaqGold	114	1.6

\*Results of 20μg/200μl hybridization.

**FIG. 8**

209220" 6E040660



**FIG. 9A**



209220" 6E040660

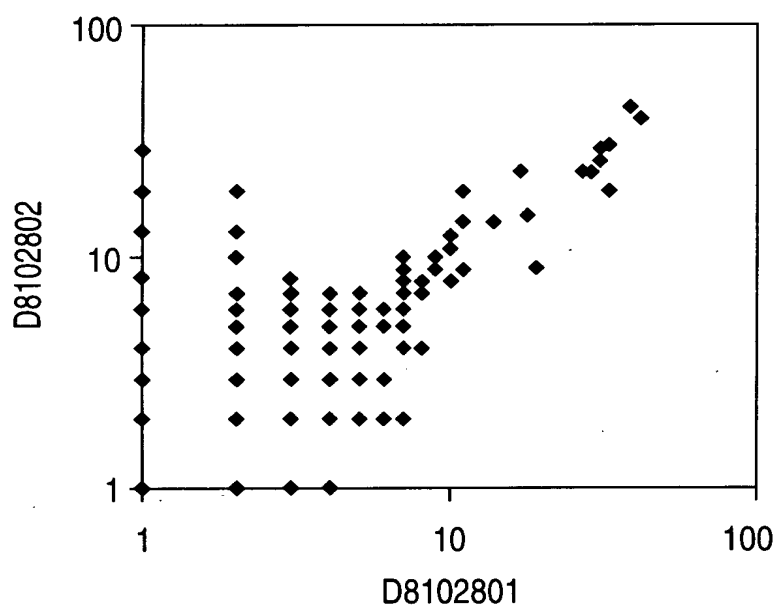


FIG. 9B

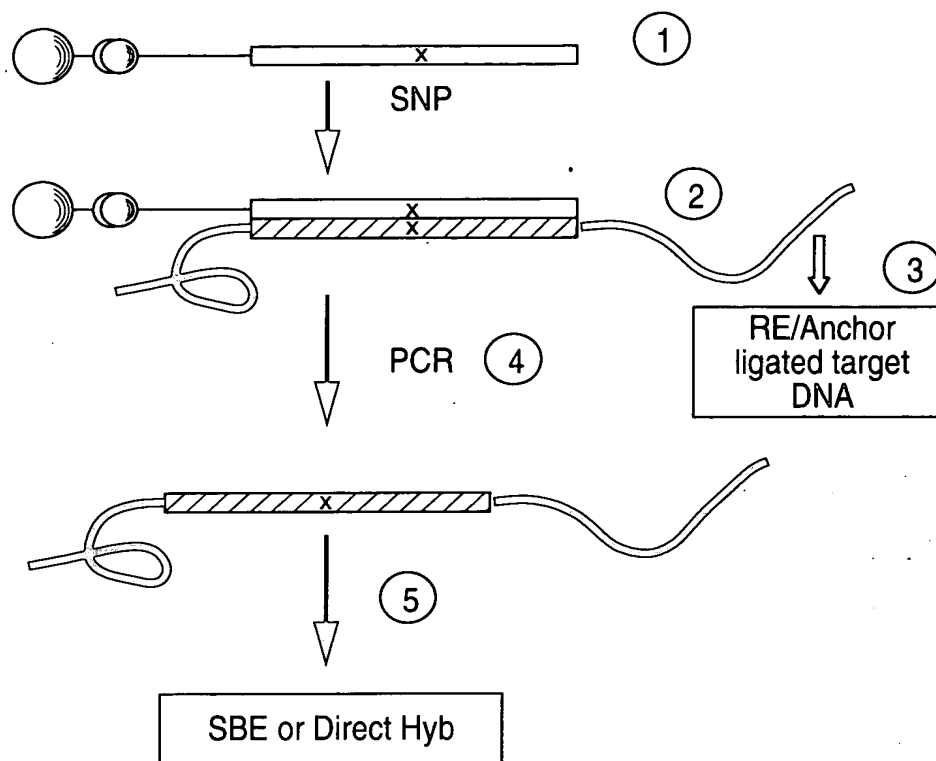


FIG. 11

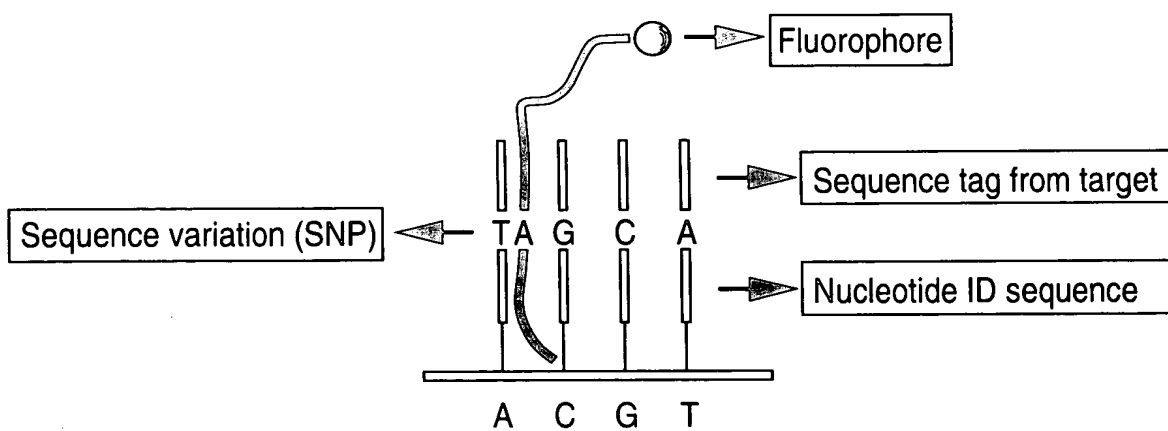


FIG. 14

209220" 6E040660

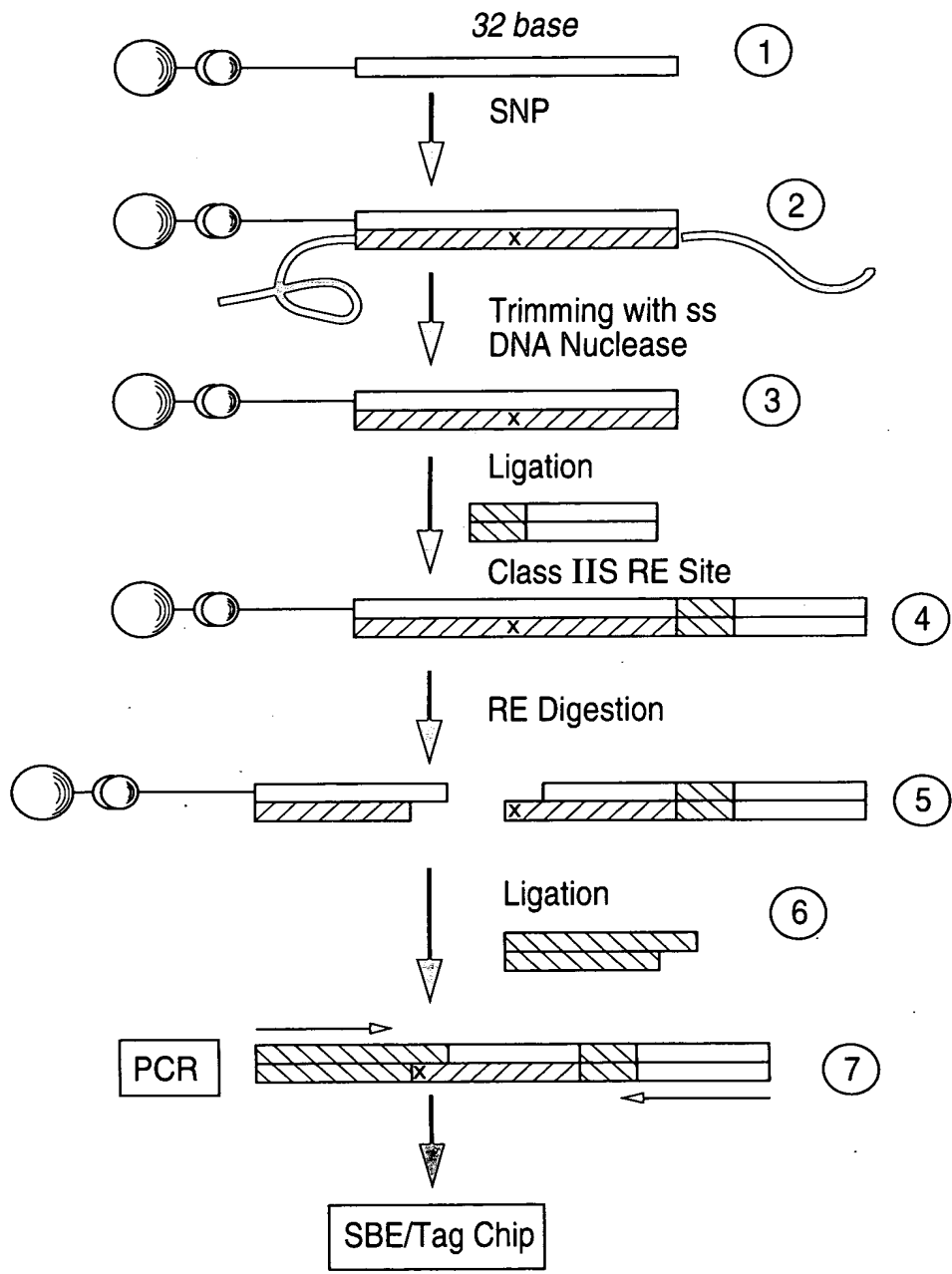


FIG. 12

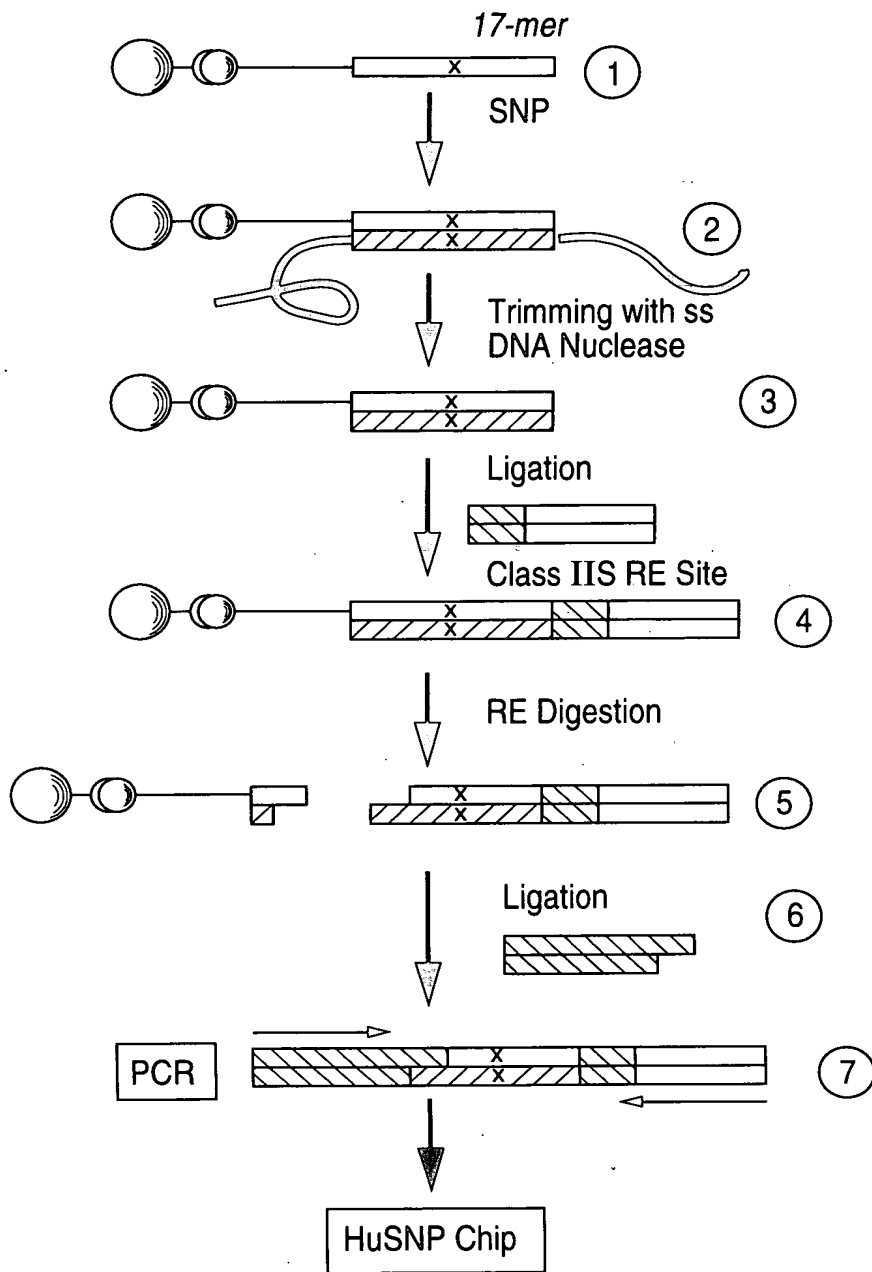


FIG. 13

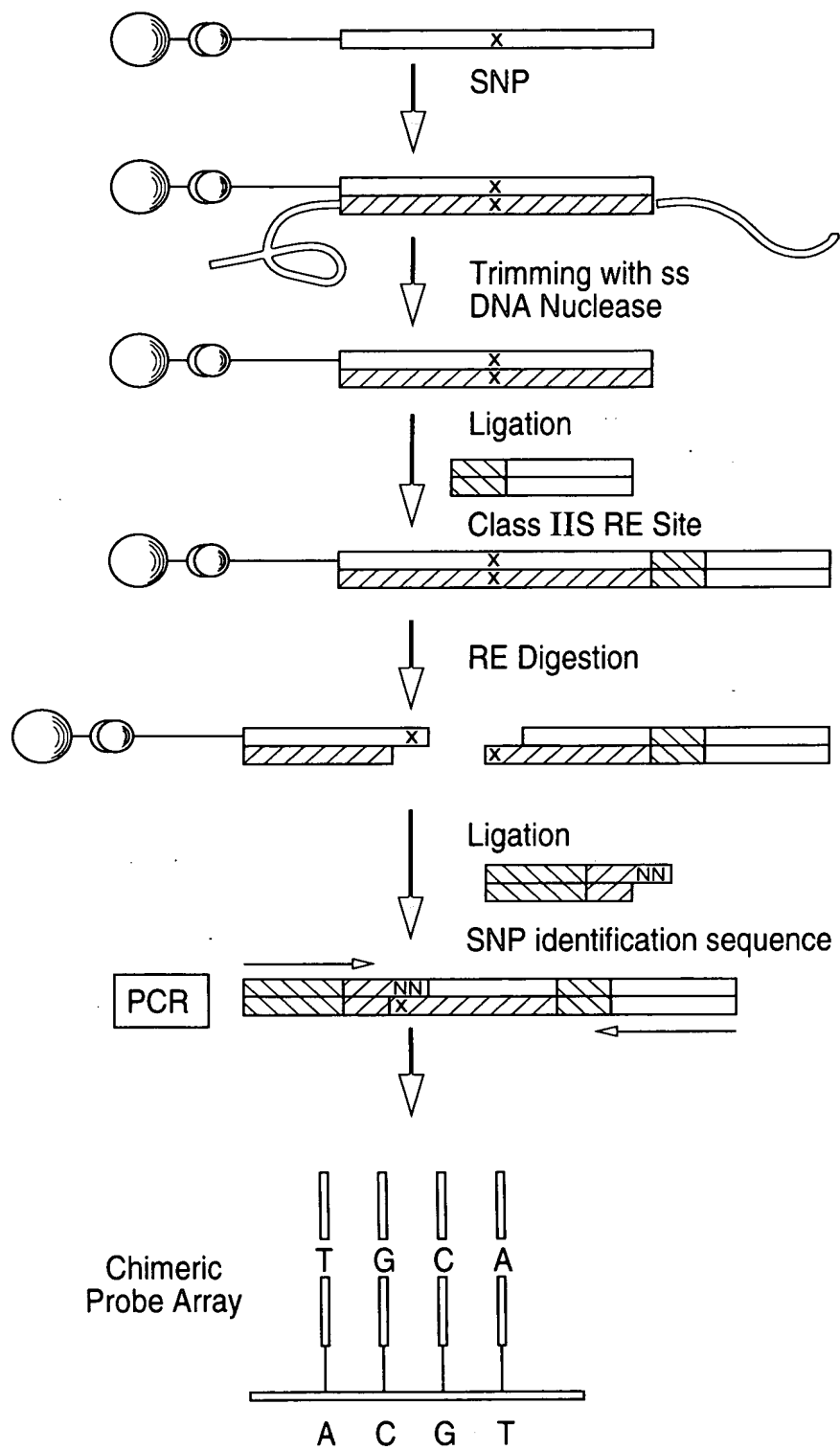


FIG. 15

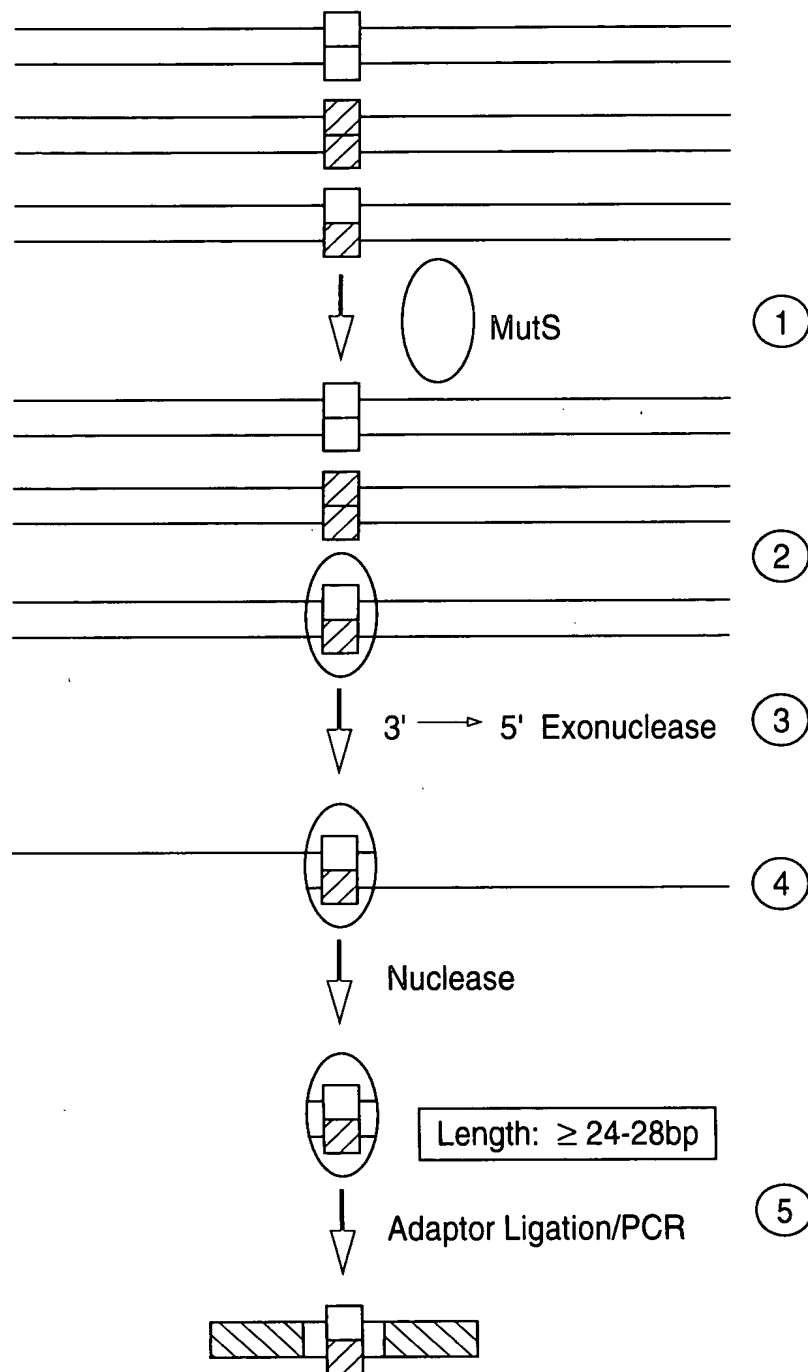


FIG. 16

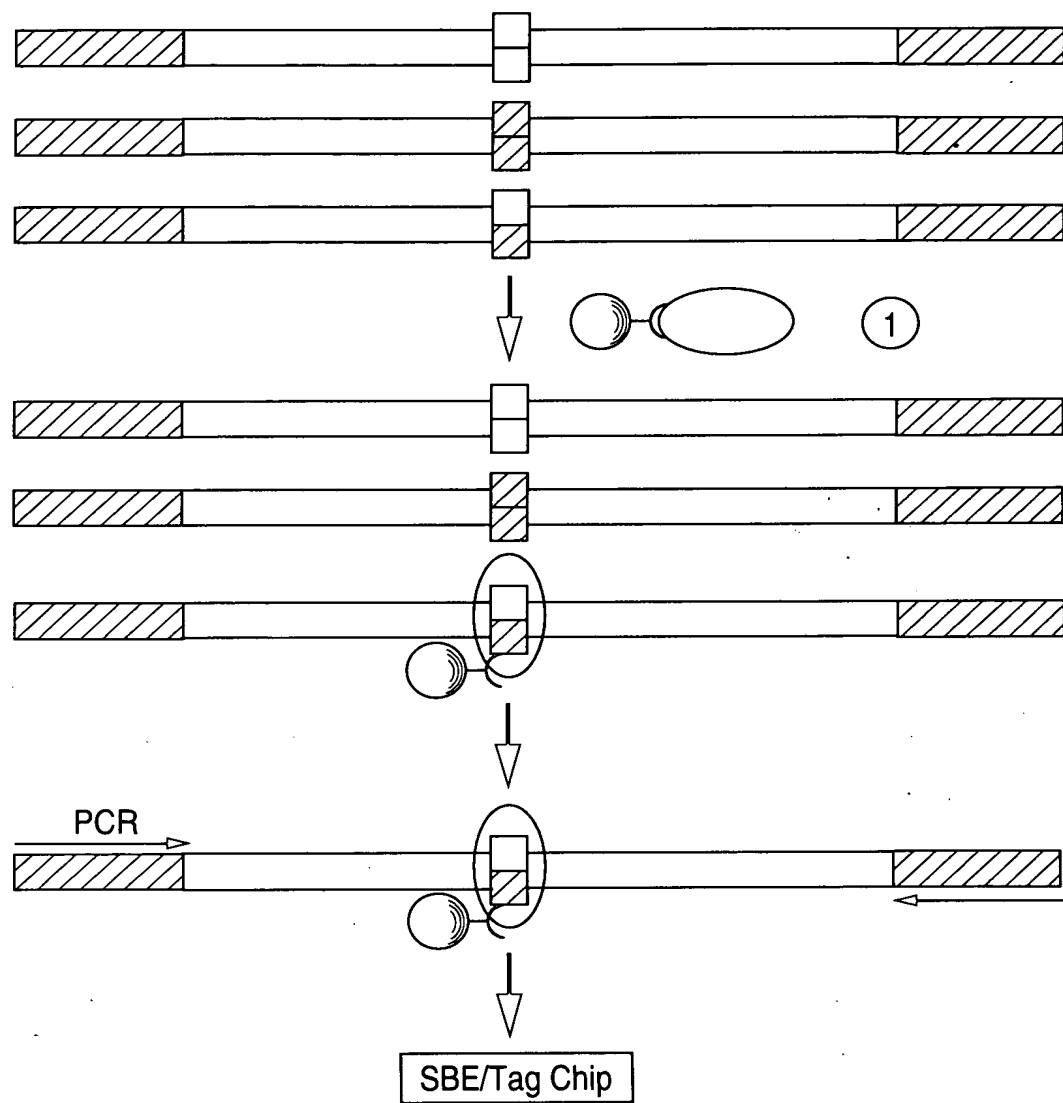


FIG. 17

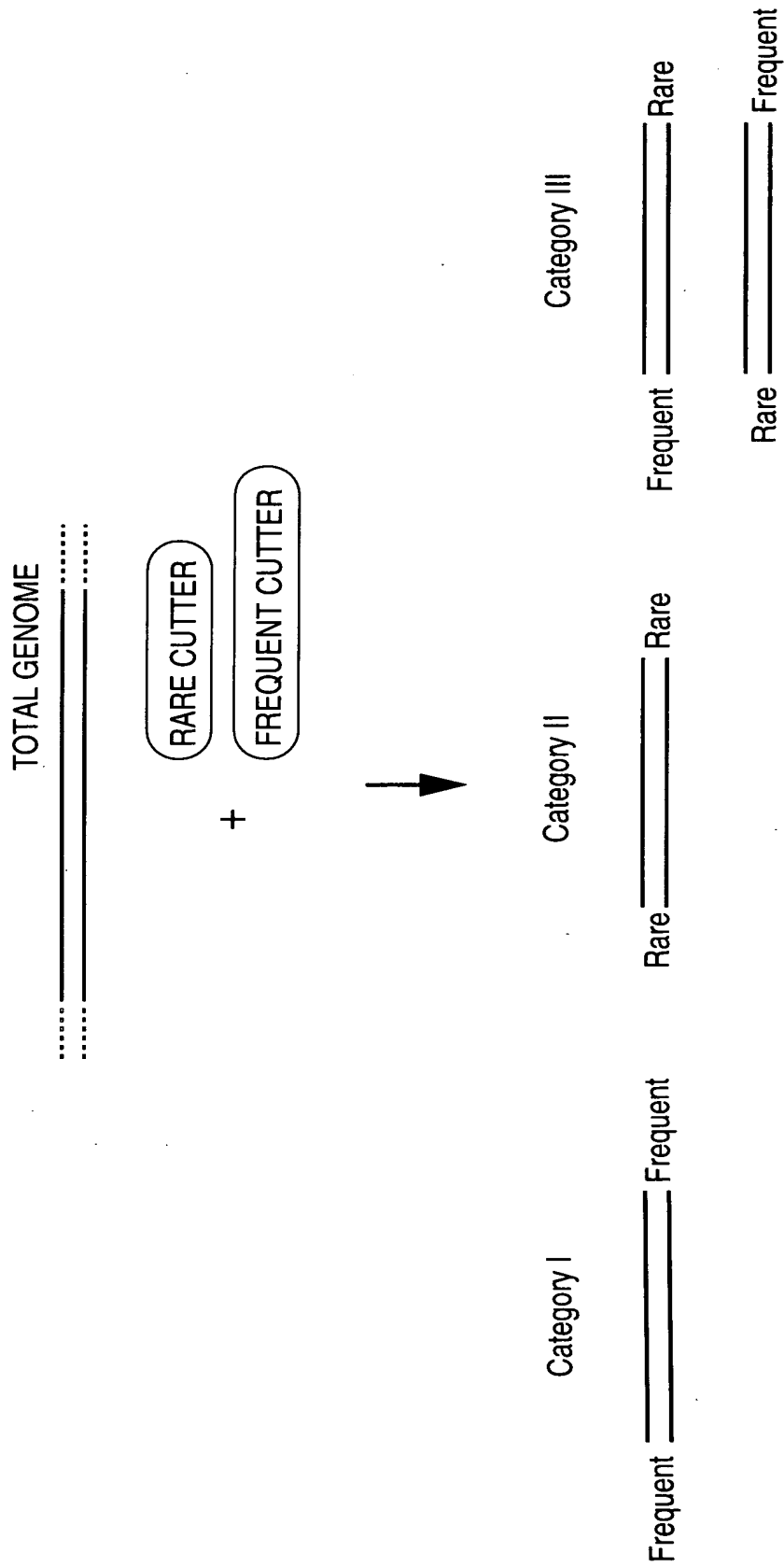


FIG. 18